INTERNATIONAL SEARCH REPORT

International Application No T/IB2004/051784

A. CLASSIFICATION OF SUBJECT MATTER IPC 7 G02F1/1335 G02F1/1362 G02B5/02 According to International Patent Classification (IPC) or to both national classification and IPC B. FIELDS SEARCHED Minimum documentation searched (classification system followed by classification symbols) **G02B** G02F IPC 7 Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched Electronic data base consulted during the International search (name of data base and, where practical, search terms used) EPO-Internal, PAJ C. DOCUMENTS CONSIDERED TO BE RELEVANT Relevant to claim No. Citation of document, with indication, where appropriate, of the relevant passages Category ' 1-9 US 2002/159010 A1 (KIDO SYUUSAKU ET AL) X 31 October 2002 (2002-10-31) paragraph '0023! paragraph '0153! - paragraph '0154! paragraph '0165! - paragraph '0169! paragraph '0267! figures 6E,6F,6G,6H 1,2,6-9US 2002/158995 A1 (CHUNG WOO-SUK ET AL) X 31 October 2002 (2002-10-31) abstract paragraph '0025! paragraph '0074! paragraph '0089! - paragraph '0117! figures 10C,10D,10E Patent family members are listed in annex. Further documents are listed in the continuation of box C. *T* later document published after the International filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the Special categories of cited documents: "A" document defining the general state of the art which is not considered to be of particular relevance invention *X* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone "E" earlier document but published on or after the international filing date *L* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified) 'Y' document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art. *O* document referring to an oral disclosure, use, exhibition or other means document published prior to the international filing date but later than the priority date claimed *&* document member of the same patent family Date of mailing of the international search report Date of the actual completion of the international search 07/12/2004 8 November 2004 Authorized officer Name and mailing address of the ISA European Patent Office, P.B. 5818 Patentlaan 2 NL – 2280 HV Rijswijk Tel. (+31–70) 340–2040, Tx. 31 651 epo nl, Fax: (+31–70) 340–3016 Boubal, F

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T/IB2004/051784

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